

05-04-01

A
PATENT
USA.249

1052 U.S. PTO
05/03/01

JC678 U.S. PTO
09/847992
05/03/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Michelle D. Guertin et al.) Attorney Docket No.: USA.249
Title: AUTOMATIC DETERMINATION) Express Mail Label No.:
AND SELECTION OF BUILD) EF106052128US
PARAMETERS FOR SOLID)
FREEFORM FABRICATION)
TECHNIQUES BASED ON)
AUTOMATIC PART FEATURE)
RECOGNITION) Customer No.: 022514
Date Filed: May 3, 2001)

Assistant Commissioner for Patents
BOX PATENT APPLICATION
Washington, D.C. 20231

UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

Transmitted herewith for filing is the patent application of Inventors: Michelle D. Guertin and Chris R. Manners.

APPLICATION ELEMENTS

1. Fee Transmittal Form.
2. Applicant claims Small Entity Status.
3. Pursuant to 35 U.S.C. 122, Applicant certifies that the invention disclosed in the application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing.

Certificate Under 37 CFR §1.10
I hereby certify that this correspondence is being deposited with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee" Mailing Label EF106052128US to.
Assistant Commissioner for Patents Washington D.C. 20231, on
May 3, 2001
Date of Deposit
Janice Gainer
Name

Signature

4. Type of Application.

This new application is for an (*check one applicable item below*):

Original

Divisional

Continuation

Continuation-in-part (CIP) of Prior Application No.:
Examiner: Group Art Unit:

5. Papers Enclosed Which Are Required For Filing Date Under 37 CFR 1.53(b).

Pages of Specification Total Pages: 61

Drawings - Formal Total Sheets: 10

Oath or Declaration and Power of Attorney for Patent Application

Newly executed (original or copy)

Copy from a prior application (37 CFR 1.63(d))

6. Additional Papers Enclosed.

Assignment Papers (cover sheet & document(s))

Information Disclosure Statement (IDS)/PTO-1449
Copies of IDS Citations

Return Receipt Postcard (MPEP 503)

7. Inventorship.

The inventorship names and addresses for all the claims in this application are:

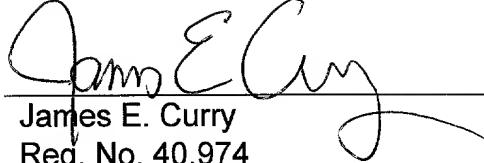
Michelle D. Guertin
289 Laurelwood Drive
Salem, Connecticut 06420-3931

Chris R. Manners
4337 Riverglen Street
Moorpark, California 93021

8. **Language.**

English

Dated: May 3, 2001



James E. Curry
Reg. No. 40,974
Attorney for Applicants

3D Systems, Inc.
26081 Avenue Hall
Valencia, CA 91355
(661) 295-5600, ext. 2470

Statement Where No Further Pages Added.

This Transmittal Ends With This Page.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT \$476.00

Complete if Known

Application Number	To be assigned
Filing Date	May 3, 2001
First Named Inventor	Michelle D. Guertin et al.
Examiner Name	To be assigned
Group Art Unit	To be assigned
Attorney Docket No.	USA.249

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 20-0900

Deposit Account Name 3D Systems, Inc.

Charge Any Additional Fee Required
Under 37 CFR §§ 1.16 and 1.17

Applicant claims small entity status.
See 37 CFR § 1.27

2. Payment Enclosed:
 Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	710	201 355 Utility filing fee	355.00
106	320	206 160 Design filing fee	
107	490	207 245 Plant filing fee	
108	710	208 355 Reissue filing fee	
114	150	214 75 Provisional filing fee	
SUBTOTAL (1)			\$355.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
29	-20** = 9	X 9.00	= 81.00
Independent Claims 2	-3** = 0	X 0.00	= 0.00
Multiple Dependent			

Large Entity Small Entity

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	18	203 9 Claims in excess of 20
102	80	202 40 Independent claims in excess of 3
104	270	204 135 Multiple dependent claim, if not paid
109	80	209 40 ** Reissue independent claims over original patent
110	18	210 9 ** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		\$81.00

**or number previously paid, if greater; For Reissues, see above

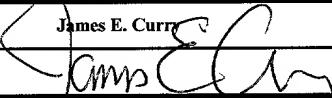
3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205 65 Surcharge - late filing fee or oath	
127	50	227 25 Surcharge - late provisional filing fee or cover sheet	
139	130	139 130 Non - English specification	
147	2,520	147 2,520 For filing a request for ex parte reexamination	
112	920*	112 920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	
115	110	215 55 Extension for reply within first month	
116	390	216 195 Extension for reply within second month	
117	890	217 445 Extension for reply within third month	
118	1,390	218 695 Extension for reply within fourth month	
128	1,890	228 945 Extension for reply within fifth month	
119	310	219 155 Notice of Appeal	
120	310	220 155 Filing a brief in support of an appeal	
121	270	221 135 Request for oral hearing	
138	1,510	138 1,510 Petition to institute a public use proceeding	
140	110	240 55 Petition to revive - unavoidable	
141	1,240	241 620 Petition to revive - unintentional	
142	1,240	242 620 Utility issue fee (or reissue)	
143	440	243 220 Design issue fee	
144	600	244 300 Plant issue fee	
122	130	122 130 Petitions to the Commissioner	
123	50	123 50 Processing fee under 37 CFR § 1.17(q)	
126	180	126 180 Submission of Information Disclosure Statement	
581	40	581 40 Recording each patent assignment per property (times number of properties)	40.00
146	710	246 355 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249 355 For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279 355 Request for Continued Examination (RCE)	
169	900	169 900 Request for expedited examination of a design application	
Other fee (specify) _____			

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$40.00

SUBMITTED BY

Name	Registration No (Attorney/Agent)	Telephone
James E. Curn 	40,974	661-295-5600 ext. 2470

Signature May 3, 2001

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231